Mobil

UNIREX™ EP 2

Grease

Product Description

Unirex™ EP 2 is a premium quality grease that combines advanced lithium complex soap technology and leading edge polymer enrichment technology to provide excellent adhesion, water wash-out resistance, mechanical stability and high temperature performance. Even after prolonged churning with water, Unirex EP 2 retains its consistency, adhesive and rust inhibiting properties. Unirex EP 2 provides good protection against corrosion and provides excellent extreme pressure protection against wear, even under severe shock loading conditions.

Unirex EP 2 is particularly useful in applications with severe water contamination. Unirex EP 2 is recommended for use in hand packed or grease gun applications, or in non-critical centralized systems, as well as grid-type flexible couplings, and is particularly suitable for use in vehicle wheel bearings.

Features and Benefits

Features	Advantages and Potential Benefits
Formulated using an advanced lithium complex soap thickener	Enables longer grease life at higher temperatures than possible with greases made with most other soap types.
Excellent EP and anti-wear properties	Equipment protection and potential equipment life extension even in severe operating conditions.
Potent corrosion protection	Guarding equipment against rust and corrosion in heavy duty and automotive applications.
Excellent resistance to water washout and spray-off	Uses new polymer technology. This enhances the product's already excellent adhesion tendency and water washout resistance. Ensures proper lubrication and protection even in hostile wet environments.
Certified against NLGI service classification GC-LB	One grease for wheel bearings and chassis lubrication as demonstrated against all NLGI GC-LB performance tests.

Applications

Unirex EP 2 is an excellent multipurpose grease for heavy-duty service in both Automotive and Industrial applications. Its excellent water resistance and extreme-pressure protection exceed the performance levels of conventional multi-purpose light-to-medium-duty greases.

Unirex EP 2 exceeds the requirements of the ASTM D 4950 GC-LB grease classification for automotive wheel bearing and chassis applications.

Unirex EP 2 is particularly well-suited for general purpose anti-friction bearings operating at high temperatures. In addition, its low oil-bleed properties offer a distinct advantage where minimal leakage is critical.

Specifications and Approvals

Unirex EP 2 meets or exceeds the requirements of:	
NLGI GC-LB	X

Typical Properties

Unirex EP 2	
NLGI Grade	2
Thickener Type	Li-Complex + Polymer
Color, Visual	Green
Penetration, Worked, 25ºC, ASTM D 217	280
Dropping Point, ºC, ASTM D 2265	260 (min)
Viscosity of Oil, ASTM D 445	
cSt @ 40ºC	220
Penetration, ASTM D 217, Change from 60X to 100,000X, mm/10	+30
Timken OK Load, ASTM D 2509, lb	60
Corrosion Prevention, ASTM D 1743	Pass
Oxidation Stability, ASTM D 942, Pressure drop at 100 hr, kPa	1
Wheel Bearing Leakage, ASTM D 4290, g	1.3
4 Ball Wear, ASTM D 2266, scar dia, mm	0.47
4 Ball EP, ASTM D 2596, weld load, kg	315
EMCOR Rust Test, ASTM D 6138, 20% SSW, rating	0,0
Water Spray-Off, ASTM D 4049, wt %	30
Water Washout, ASTM D1264, wt %	2.1

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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